

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080924\
 Data File : VU060388.D
 Acq On : 09 Aug 2024 21:46
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005163

Quant Time: Aug 10 04:59:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 10 04:43:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	103391	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	109346	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	56514	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	32559	4.012	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.200%
7) Chloroethane-d5	1.911	69	32207	4.401	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.557	65	14533	4.208	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.200%
20) 2-Butanone-d5	4.634	46	98377	57.118	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.240%
24) Chloroform-d	5.055	84	79461	4.945	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.695	65	37668	5.055	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.721	84	146788	4.451	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.682	67	49855	4.874	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.891	98	132996	4.517	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	8.174	79	15220	4.603	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.000%
46) 2-Hexanone-d5	8.631	63	79619	54.254	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.500%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	42341	5.045	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	50227	4.825	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	29734	5.331	ug/L	99
3) Chloromethane	1.518	50	37992	5.477	ug/L	100
5) Vinyl chloride	1.602	62	43580	5.365	ug/L	94
6) Bromomethane	1.853	94	28854	5.017	ug/L	97
8) Chloroethane	1.930	64	28451	5.164	ug/L	98
9) Trichlorofluoromethane	2.132	101	62213	5.463	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	39184	5.222	ug/L	99
12) 1,1-Dichloroethene	2.573	96	36996	5.427	ug/L	81
13) Acetone	2.647	43	60228	51.208	ug/L	92
14) Carbon disulfide	2.785	76	83745	4.869	ug/L	100
15) Methyl Acetate	2.959	43	14659	6.015	ug/L	93
16) Methylene chloride	3.039	84	44177	4.559	ug/L	95
17) Methyl tert-butyl Ether	3.357	73	89295	5.556	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	36174	5.409	ug/L	98
19) 1,1-Dichloroethane	3.859	63	77702	5.627	ug/L	98
21) 2-Butanone	4.714	43	96286	54.927	ug/L	100
22) cis-1,2-Dichloroethene	4.660	96	48382	5.993	ug/L	98
23) Bromochloromethane	4.968	128	20139	5.405	ug/L	96
25) Chloroform	5.081	83	82360	5.483	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	47311	5.922	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	64873	5.419	ug/L	99
30) Cyclohexane	5.380	56	49110	5.068	ug/L	98
31) Carbon tetrachloride	5.518	117	54551	5.200	ug/L	97
33) Benzene	5.766	78	172997	5.495	ug/L	100
34) Trichloroethene	6.537	95	45934	5.574	ug/L	98
35) Methylcyclohexane	6.756	83	50953	4.735	ug/L	96
37) 1,2-Dichloropropane	6.782	63	47853	5.585	ug/L	98
38) Bromodichloromethane	7.097	83	59212	5.591	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	59763	5.135	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	243757	60.947	ug/L	97
42) Toluene	7.962	91	183611	5.519	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	50407	5.243	ug/L	95
45) 1,1,2-Trichloroethane	8.393	97	35826	5.460	ug/L	99
47) Tetrachloroethene	8.547	164	31460	4.881	ug/L	99
48) 2-Hexanone	8.679	43	182446	60.175	ug/L	98
49) Dibromochloromethane	8.801	129	38828	5.565	ug/L	98
50) 1,2-Dibromoethane	8.917	107	32728	5.603	ug/L	98
51) Chlorobenzene	9.441	112	116455	5.189	ug/L	97
52) Ethylbenzene	9.563	91	177965	5.078	ug/L	99
53) m,p-Xylene	9.688	106	68887	5.172	ug/L	100
54) o-Xylene	10.094	106	67758	5.316	ug/L	97
55) Styrene	10.110	104	122431	5.552	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	45606	5.589	ug/L	98
59) Bromoform	10.283	173	23636	5.508	ug/L	98
60) Isopropylbenzene	10.476	105	180081	5.277	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	31107	5.685	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	134441	5.118	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	133938	5.174	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	89609	5.153	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	89981	5.133	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	86110	5.244	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	5961	5.812	ug/L	94
69) 1,3,5-Trichlorobenzene	13.212	180	61562	4.684	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	46841	4.540	ug/L	99
71) Naphthalene	14.080	128	68139	4.644	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	43606	4.717	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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